

Amendments to the Specification

Amendments to the specification set forth herein are made with reference to patent application as originally submitted.

Herein, with amendments to the specification, please note that "strikeout" matter is shown with larger-than-normal italic letters containing the strikeout horizontal marks such as in this example: ~~strikeout~~.

Please amend the specification, in the paragraph on page 21, spanning lines 5-7, as follows:

With the ~~The~~ method of the invention, the chamber volume
is scalable ~~in-a-range-spanning-2-to~~
~~± θ~~ above 2 milliliters. The method of the invention can be carried out in sequential batches.

Please amend the specification, in the paragraph on page 23, spanning lines 9-13, as follows:

FIG. 2 is a graph illustrating the operating range of the method of the invention, inside the triangle, and how the operating range of the invention is outside operating ranges of prior art electroporation methods, indicated by small blocks outside the triangle. Clearly, FIG. 2 shows one side of the triangle to be a herein-defined Geometric Factor, one side of the

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triangle to be conductivity, and one side of the triangle to be resistance in ohms. More specifically, the conductivity is in a range spanning 0.001 to 100 millSiemens/cm; the herein-defined Geometric Factor ranges from greater than 0.000001 cm⁻¹ to less than or equal to 0.100000 cm⁻¹; and the resistance is greater than one ohm,

Please amend the specification, in the paragraph on page 27, spanning lines 14-22, as follows:

The preferred operating region of the present invention is then:

Cell diameter > 1 micrometer

Chamber volume > ~~1-milliliter~~ 2 milliliters

Conductivity of Material to be treated > 1 microSiemens/cm

Total resistance of material to be

treated in chamber > 1 ohm

Geometric Factor of Chamber < 0.1 cm⁻¹